

Long term breast cancer real-world overall survival in France

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Background

- The incidence of breast cancer (BC) in France is among the highest in the world.¹
 - During 2022–2023, BC was the most common cancer and leading cause of cancer death among women in France, accounting for more than 61,200 new cancer cases and 12,700 deaths nationally.²
- With the several advances on the last decade in BC management, this analysis of the GREASE study aimed to estimate long term real-world overall survival (OS) among French women with BC.
 - Results were reported overall and in patients with metastatic BC, as well as grouped by molecular subtype.

Methods

Study design and population

- GREASE was a retrospective, observational analysis of data from the Echantillon du Système National des Données de Santé (ESND) database, which is a representative 2% sample of national healthcare data in the Système National des Données de Santé (French National Health Data System; SNDS).³
- The present analysis included women treated for an incident BC between Jan 1, 2010, and Dec 31, 2022 (Figure 1).

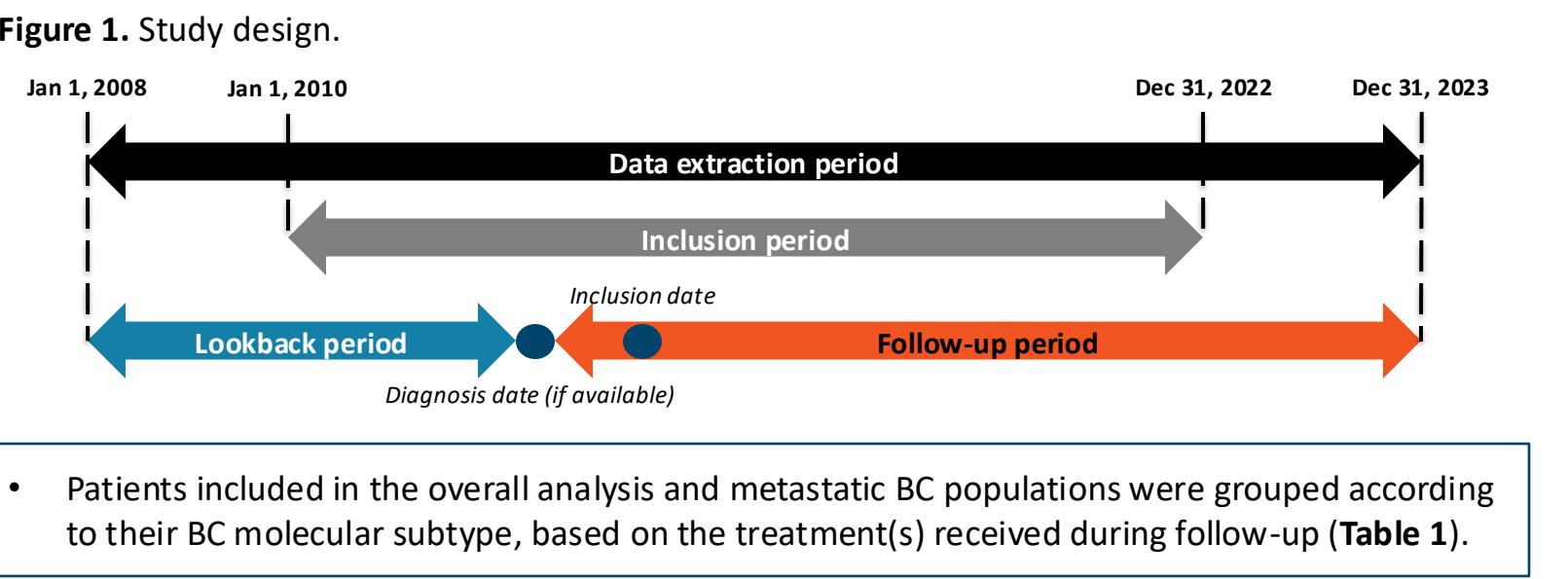


Table 1. Analysis and metastatic BC populations and subgroup definitions.

Population/subgroup	Definition
Analysis population	Women in the ESND with evidence of BC between Jan 1, 2010, and Dec 31, 2023, excluding those with: <ul style="list-style-type: none"> First evidence of BC before Jan 1, 2010, or after Dec 31, 2022 No specific treatment for BC during follow-up
Metastatic population	Patients without evidence of BC treatment during the 2 years historical period AND without surgery during the follow-up period
HER2+ subgroup	Patients who received anti-HER2 therapy (± endocrine therapy)
HER2+/HR+ subgroup	Patients who received both anti-HER2 and endocrine therapy
HER2+/HR- subgroup	Patients who received anti-HER2 therapy without endocrine therapy
HR+/HER2- subgroup	Patients who received endocrine therapy without anti-HER2 therapy
Classified as undefined subgroup	Patients who received neither anti-HER2 nor endocrine therapy
Undefined with systemic therapy	Patients who received systemic therapy (± locoregional therapy)
Undefined with <i>in situ</i> BC with no systemic therapy	Patients with an <i>in situ</i> BC diagnosis who received locoregional therapy only

Treatments and diagnoses were based on ATC, CCAM, and ICD-10 codes. ATC, Anatomical Therapeutic Chemical; BC, breast cancer; CCAM, Classification Commune des Actes Médicaux; ESND, Echantillon Système National des Données de Santé; HER2, human epidermal growth factor receptor 2; HR, hormone receptor; ICD-10, International Classification of Diseases, Tenth Revision.

References

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